

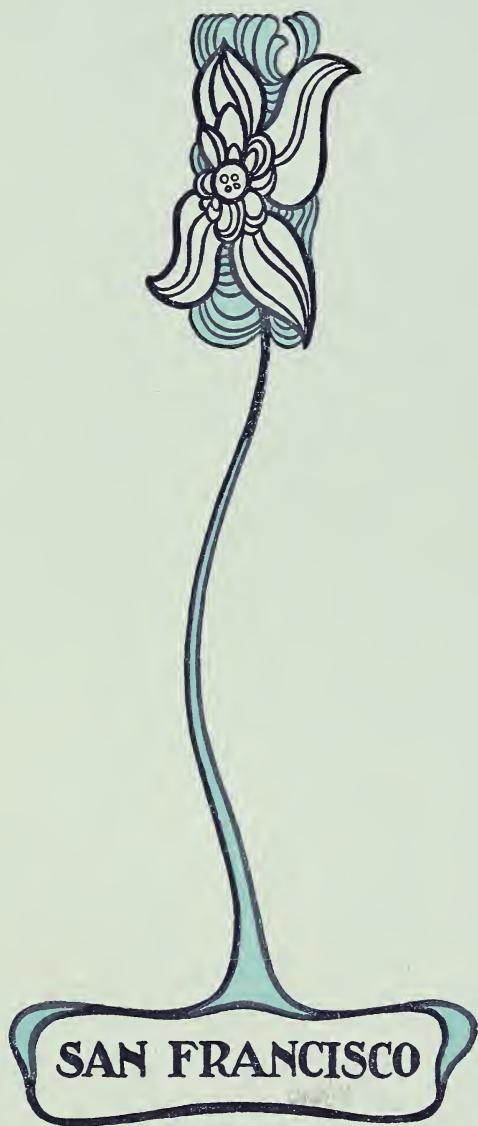
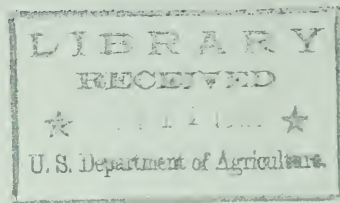
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# HALLAWELL'S FALL CATALOG OF BULBS



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# Hallawell Seed Company

256 - 258 MARKET STREET, SAN FRANCISCO, CALIFORNIA

Telephone Douglas 3147



Spanish Iris

## SPANISH IRIS

(Postpaid per doz. and 100)

One of the most satisfactory varieties of Iris to grow, being perfectly hardy. The flowers are of great beauty, having many different blendings of color, and if cut when in the bud state will last a long time in water. For best effect they should be planted in clumps or masses of 25 to 100 or more bulbs set 6 inches apart and 2 to 3 inches deep. They grow 18 to 24 inches high and bloom from end of April on through June.

Order early as the stock is limited. These bulbs should be set out soon after they have been received; otherwise they are apt to become soft and will not give good results.

Belle Chinoise: deep golden yellow, 75c per doz.; \$5.00 per 100.

British Queen: large pure white, 75c per doz.; \$5.00 per 100.

Formosa: deep violet blue, 75c per doz.; \$5.00 per 100.

Reconnaissance: bronze and orange, 75c per doz.; \$5.00 per 100.

Mixture of the Above Sorts: 75c per doz.; \$5.00 per 100.

## JAPANESE IRIS

(November delivery)

(If by parcel post add postage at zone rates; weight per doz., 6 lbs.)

This variety of Iris produces the largest and finest flowers in a great variety of colors. They are hardy and do best in partial shade and require plenty of water. They bloom for six weeks during June and July. The flowers measure 8 to 10 inches in diameter and are borne on tall stems.

Mixed Colors: strong clumps, 50c each; \$4.50 per doz.

## WHEN AND HOW TO ORDER BULBS

The best time to order your Bulbs is just as soon as this catalogue reaches you. The Bulbs may not have arrived by then, but your order will be given immediate attention, and be filled just as soon as the stock arrives. At the first of the season there are no sorts sold out, and besides the Bulbs flower better when planted early.

Please be sure to write plainly your full name and address, when sending us your order and remittance. Send also the name of the nearest express office, if bulbs are to come that way, when it differs from the postoffice. We send bulbs by express, unless postage for the different sorts, as shown in the catalogue accompanies the order.

If you wish the bulbs to be sent by PARCEL POST, please add sufficient postage to cover the cost of mailing, excepting where marked postpaid. Under each heading we have marked the approximate weights of the various sorts so that you can figure out the postage due according to the zone. If too much postage is allowed we will adjust by sending extra bulbs.

### NON-WARRANTY

Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather, too deep or too shallow planting, slugs, etc.; therefore Hallawell Seed Co. give no warranty, express or implied as to description, purity, productiveness, or any other matter of any seeds, plants, bulbs, etc., they send out, and will be in no way responsible for the crop; if the purchaser does not accept the goods on these terms they are to be returned at once.



# Hallawell's Darwin Tulips

Darwins are the most satisfactory of all Tulips. They are stately in appearance, attaining a height of 24 to 30 inches, and producing beautiful globular flowers of heavy texture in a large range of colors. They bloom in April and May and are unsurpassed for bedding and cutting.

Tulips can be planted from October till late in December. They require a moderately rich soil, which should be well drained. If the soil is in poor condition, use a little bone meal or well-rotted manure. Plant the bulbs 6 or more inches apart and set the tops 3 inches below the surface. If the soil is heavy, place a small quantity of sand at the base of each bulb. They will remain in bloom for a longer period if planted in a light, shaded location.

## Darwin Tulips

(If by parcel post, add postage at zone rates; weight per doz., 10 ozs.; per 100, 4¼ lbs.)

	Per doz.	Per 100
Anton Roozen: large rosy pink .....	\$.85	\$6.00
Ariadne: enormous flowers of a brilliant crimson scarlet, with blue and white base .....	.85	6.00
Baronne de la Tonnaye: bright, rose margined blush rose .....	.65	4.50
Bleu Aimable: soft bluish lilac, very large .....	1.00	7.00
Clara Butt: beautiful soft salmon rose.....	.65	4.50
Donders: large dark blood-red, violet and white base.....	.70	4.75
Dream: lavender, shading lighter on upper part of petals.....	.70	4.75
Edmee: deep cherry rose with silvery pink margin .....	.85	6.00
Europe: glowing salmon scarlet-shaded rose, well-formed flowers .....	.75	5.50
Feu Brilliant: brilliant scarlet with deep blue base; very large .....	.75	5.00
Flamingo: flesh pink with white base, pointed flower .....	.75	5.25
Glow: brilliant vermillion, white and blue base .....	.85	6.00
Gustave Dore: fine rose pink, edged silvery rose .....	.65	4.50
King Harold: rich, deep mahogany red ....	.85	6.00
La Tulipe Noire: finest black variety, large flower .....	.75	5.00
Marconi: large purple-violet, with a conspicuous creamy base .....	.75	5.00
Melicette: lavender, inside of petals deep lavender violet .....	1.00	7.00
Mrs. Farncombe Sanders: fiery rose scarlet; perfect shape .....	.85	6.00
Mrs. Krelage: bright rosy pink, shading to a soft blush at edge of petals .....	.85	6.00
Nora Ware: very fine heliotrope .....	.75	4.50
Ouida: rich cardinal scarlet, with pale blue base .....	.75	5.00
Petrus Hondius: bright carmine rose; a very brilliant color .....	1.00	7.00
Pride of Harlem: deep rose suffused scarlet; immense size .....	.70	4.75
Professor Rauwenhof: brilliant cherry red, suffused scarlet; very large .....	.85	6.00
Rev. Ewbank: heliotrope lilac with paler side .....	.65	4.50
Sieraad van Flora: bright rosy pink .....	.75	5.00
Suzon: blush pink outside, rosy pink inside; blue and white base .....	.75	5.00



Darwin Tulips

	Per doz.	Per 100
Whistler: enormous flowers of a vivid crimson scarlet .....	.90	6.50
White Queen: white, slightly tinged blush .....	.70	4.75
Zulu: rich velvety purple-black; very large .....	.75	5.50
Special Collection: Two of each of the above sorts (60 bulbs), named separately .....	4.25	—
Mixed Darwin Tulips .....per 1000, \$32.50	.50	3.75
Hallawell's Special Mixture of named Darwin Tulips .....per 1000, \$47.50	.75	5.00

## BREEDER TULIPS

These are very similar to the Darwins in their tall, strong growth, with even larger flowers, but have an entirely different range of colors, comprising brown, bronze, purple, mauve, dull gold and other shades all so exquisitely blended as to produce perfect harmony and effective contrasts when planted with the more brilliant Darwin and Cottage varieties.

(If by parcel post, add postage at zone rates; weight per doz., 10 oz.; per 100, 4¼ lbs.)

	Per doz.	Per 100
Apricot: bronze shaded apricot, with olive base .....	\$ .85	\$ 6.00
Bronze Queen: soft buff, inside tinged golden bronze .....	.80	5.50
Cardinal Manning: a curious blending of rose and mauve, which changes to an almost pure orange at the edge of petals .....	.75	5.00
Godet Parfait: very large flowers of rich plum violet, with white base .....	1.00	7.00
Golden Bronze: beautiful bronzy yellow ....	1.00	7.00
Sunrise: ruddy apricot, inside and edge of petals golden yellow .....	.75	5.00
Turenne: a remarkably fine tulip of a bronzy violet color, broadly margined amber .....	1.00	7.00
Breeder Mixture: made up from the above varieties .....	.85	6.00

## COTTAGE OR MAY TULIPS

This beautiful class is also very popular, although the stems are not quite so long as in some of the Darwin varieties. They, however, come in certain forms and colors not to be found in the other group.

(If by parcel post, add postage at zone rates; weight per doz., 10 oz.; per 100, 4¼ lbs.)

	Per doz.	Per 100
Fairy Queen: rosy heliotrope, margined amber yellow (20 inches) .....	\$ .65	\$ 4.25
Gesneriana Major: brilliant crimson-scarlet with blue-black center; a superb variety with pointed petals and long stems (28 in.) .....	.75	5.00
Gesneriana Lutea: large golden-yellow with pointed petals, long stems (24 in.) .....	.65	4.25
Inglescombe Yellow: large globular canary yellow flowers (20 inches) .....	.65	4.25



Gesneriana Lutea Tulip

	Per doz.	Per 100
Maiden's Blush (Picotee): pure white, margined carmine rose, pointed petals (24 inches) .....	\$ .65	\$ 4.25
Orange King: large globular flowers, glowing orange shaded scarlet; yellow centers and black anthers (24 inches) ....	.65	4.25
Parisian Yellow: large, clear yellow, pointed petals; long stems (24 inches) .....	.65	4.25
Butterfly Tulips Mixed: the flowers are borne on long stems, and are beautifully blotched, striped and feathered, and come in a wide range of color .....	.75	5.00
Parrot or Dragon Tulips Mixed: These come in very bright colors, each flower having a combination of red, green, black and yellow. The petals are large and deeply fringed. The stems are rather weak .....	.50	3.50

## HALLAWELL'S SPLENDID MIXED

This grand mixture is composed of the above-named sorts of Darwin and Cottage Tulips and is made up by ourselves. 65c per doz.; \$4.50 per 100; \$42.50 per 1000.

## EARLY TULIPS

Useful for potting, not recommended for outdoor planting as the stems are short.

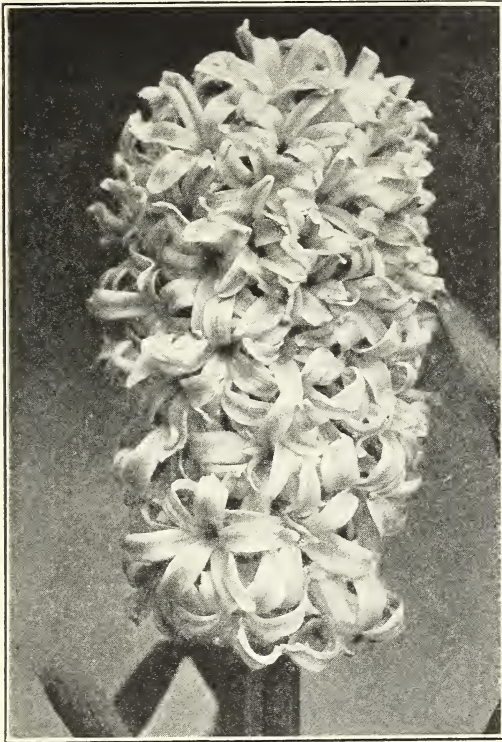
(If by parcel post, add postage at zone rates: weight per doz., 12 oz.; per 100, 5½ lbs.)

	Per doz.	Per 100		Per doz.	Per 100
Belle Alliance: single, brilliant scarlet....	\$ .65	\$ 4.50	Le Matador: double scarlet .....	.75	5.00
Couronne d'Or: double rich golden yellow .....	.75	5.25	Mon Tresor: single pure yellow .....	.65	4.50
Keizerkroon: single red with broad yellow border; also useful for bedding, as stems are fairly long .....	.65	4.50	Murillo: double pink .....	.60	4.00
			Prosperity: single rose pink .....	.65	4.50



## Hyacinths

Hyacinths are very fragrant and come in a great variety of colors. They make a magnificent display when grown outside in a bed. They are also very satisfactory when grown in pots or in glasses of water. We are listing the single type only, as they are far superior to the double, and more certain to bloom. For outdoor culture set the bulbs so that the tops will be 3 or 4 inches below the surface and 6 to 10 inches apart. For pot culture use a 4-inch pot for a bulb or a large pot for 2 or 3 bulbs, and leave the tops of the bulbs just above the surface. After potting give a good watering and set away in a cool place and cover with coal ashes or sand until thoroughly rooted, which takes from 8 to 10 weeks. During this time do not allow them to become dry. They may then be set in a cool light place until the flower spikes have developed, when they may be placed wherever they are wanted.



Type of Single Hyacinth

### NAMED VARIETIES OF HYACINTHS

(If by parcel post, add postage at zone rates; weight per doz., 3 lbs.; per 100, 22 lbs.)

Extra large bulbs for growing in pots and outside.

#### WHITE

	Each	Per doz.	Per 100
<b>Arentine Arendsen:</b> snow white; spike well filled with fine open petals; extra .....	\$0.20	\$1.75	\$12.50
<b>La Grandesse:</b> best pure white; fine shaped spike .....	.20	1.75	12.50
<b>L'Innocence:</b> large truss of pure white .....	.20	1.75	12.50

#### BLUE

	Each	Per doz.	Per 100
<b>Bismarck:</b> sky blue, broad spike.....	\$0.20	\$1.75	\$12.50
<b>Grand Maitre:</b> dark porcelain blue, large truss .....	.20	1.75	12.50
<b>King of the Blues:</b> deep purplish blue; fine spike .....	.20	1.75	12.50
<b>Marie:</b> dark blue, fine spike.....	.20	1.75	12.50
<b>Pearl Brilliant:</b> light blue, large bells .....	.20	1.75	12.50
<b>Queen of the Blues:</b> azure blue; large bells .....	.20	1.75	12.50

#### YELLOW

	Each	Per doz.	Per 100
<b>City of Harlem:</b> pure yellow; extra large truss .....	\$0.20	\$1.75	\$12.50
<b>Yellow Hammer:</b> golden yellow; broad spike .....	.20	1.75	12.50

#### RED AND PINK

	Each	Per doz.	Per 100
<b>Cardinal Wiseman:</b> bright rose pink; large spike .....	\$0.20	\$1.75	\$12.50
<b>Gigantea:</b> blush pink .....	.20	1.75	12.50
<b>Gertrude:</b> bright rosy red; fine.....	.20	1.75	12.50
<b>Koh-i-noor:</b> large spike of brilliant salmon pink flowers .....	.20	1.75	12.50
<b>Lady Derby:</b> bright rose; very large truss .....	.20	1.75	12.50
<b>La Victoire:</b> brilliant scarlet; very fine spike .....	.20	1.75	12.50
<b>Queen of the Pinks:</b> beautiful rosy pink; new and extra fine .....	.20	1.75	12.50
<b>Collection of twelve of any of the above named varieties for.....</b>	\$1.75		
<b>Mixture of all the above named varieties .....</b>	....	1.75	12.50

### BEDDING HYACINTHS

These are good strong bulbs averaging over 6 inches in circumference, and will produce fine flowers.

#### MIXED SHADES

(If by parcel post add postage at zone rates; weight per doz., 1½ lbs.; per 100, 12 lbs.)

	Per doz.	Per 100
<b>Light blue shades mixed.....</b>	\$0.90	\$6.50
<b>Dark blue shades mixed.....</b>	.90	6.50
<b>Dark red shades mixed.....</b>	.90	6.50
<b>Rose and pink shades mixed.....</b>	.90	6.50
<b>White shades mixed.....</b>	.90	6.50
<b>Yellow shades mixed.....</b>	.90	6.50
<b>All colors mixed.....</b>	.90	6.50

(For Named Bedding Hyacinths, see page 4.)

## NAMED BEDDING HYACINTHS

The bulbs are a little smaller than our extra large sized named sorts and are fine flowering stock. They are especially adapted for beds and pots or where masses of distinct shades are required in bloom at the same time.

(If by parcel post add postage at zone rates; weight per doz., 2½ lbs.; per 100, 14 lbs.)

### Intermediate Size

	Per doz.	Per 100
Gertrude: bright rosy red.....	\$1.25	\$9.00
Gigantea: bluish pink.....	1.25	9.00
Grand Maitre: dark porcelain blue.....	1.25	9.00
La Victoire: brilliant scarlet.....	1.25	9.00
King of the Blues: deep purplish blue.....	1.25	9.00
L'Innocence: pure white.....	1.25	9.00
Queen of the Blues: azure blue.....	1.25	9.00
Yellow Hammer: golden yellow.....	1.25	9.00



Poeticus Ornatus Narcissus

## SCILLA CAMPANULATA or WOOD HYACINTH

Charming bell shaped flowers, suitable for planting in the perennial border and particularly adapted for growing under trees or in other shady situations; bloom very early. Plant bulbs three inches deep and six inches apart.

Mixture of Rose, White and Blue shades. 50c per doz.; \$3.50 per 100.

## POET'S NARCISSUS

(If by parcel post add postage at zone rates; weight per doz., 12 oz.; per 100, 6 lbs.)

Per doz. Per 100

**Poeticus** (Pheasant's Eye): pure white flowers with orange cup, edged with crimson; fine for cutting ..... \$0.60 \$4.00

**Poeticus Ornatus**: larger than the Poeticus and earlier; beautiful pure white flowers with saffron cup, tinged with scarlet ..... .45 3.00

**Poeticus Glory of Lisse**: the improved Poeticus Ornatus; very large and early..... .90 6.50

## POETAZ NARCISSUS

An entirely new strain of Narcissus obtained from a cross between the Poeticus and Polyanthus types. The flowers, which are like the Poeticus in size, come three to four on long stiff stems and are fine for cutting, inheriting some of the fragrance of the Poeticus and none of the odor of the Polyanthus types.

(If wanted by mail, add 6c per doz. for postage.)

Per doz. Per 100

**Aspasia**: pure white with yellow eye; free flowering, producing a number of stems to a bulb, each bearing 4 to 5 flowers.... \$1.00 \$7.00

## POLYANTHUS NARCISSUS

A very fragrant and sweet-scented type of the easiest culture. They grow well out of doors and bloom extremely early, having from 10 to 20 blossoms on a stem. They can also be grown in pots or in a dish of water with coarse gravel at the bottom.

(If wanted by mail, add 12c per doz. for postage.)

Per doz. Per 100

**Paper White Grandiflora**: beautiful pure white star-shaped blossoms in clusters, borne on tall spikes; if planted early will flower by Christmas; very fragrant

Large size ..... \$0.65 \$4.50

**Chinese Sacred Lily** (single): fragrant white star-shaped blossoms with yellow cups, borne on tall stems; they are fine for cutting and flower very early and freely.

.....15c each, \$1.50 \$10.00

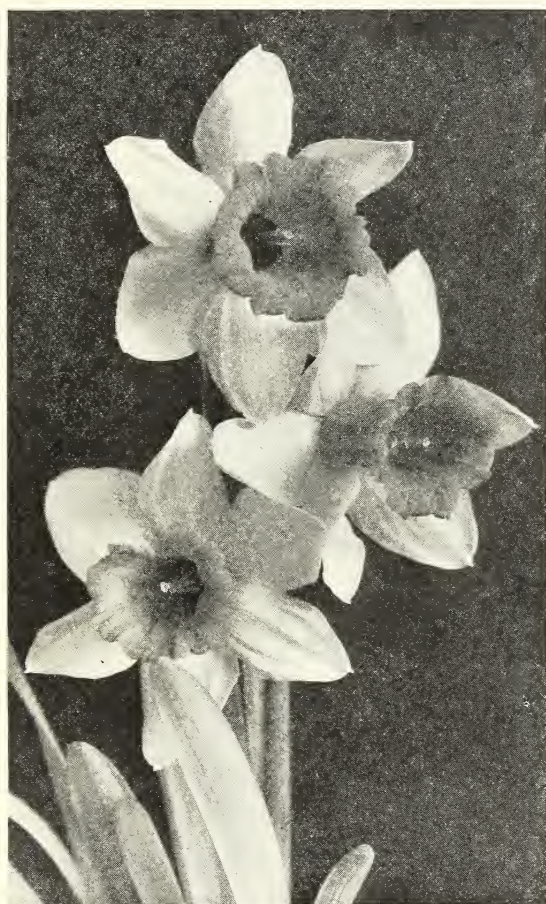
(If by parcel post add postage at zone rates; weight 5 oz. each; per doz., 5 lbs.)



## Daffodils

The following list contains the best varieties. Daffodils bloom in March and April. The blossoms are borne on tall strong stems and are fine for cutting. They bloom freely and are very effective when planted in a border or a bed.

For pot culture, plant 3 or 4 bulbs in a 5-inch pot and leave the tops of the bulbs just above the surface. After potting give a good watering and set away in a cool cellar until thoroughly rooted, when they can be brought into the house. For outdoor culture set the tops of the bulbs 4 inches below the surface and 8 to 12 inches apart.



Emperor Daffodils

## DOUBLE DAFFODILS

(If by parcel post add postage at zone rates; weight per doz., 1¼ lbs.; per 100, 9 lbs.)

	Per doz.	Per 100
<b>Orange Phoenix</b> (Eggs and Bacon): very large double white and orange flower; very beautiful .....	\$0.90	\$6.00
<b>Sulphur or Silver Phoenix</b> : creamy white with sulphur center; very double and beautiful .....	.90	6.00
<b>Von Sion</b> : the largest double yellow trumpet variety; free flowering and very popular .....	.80	5.50

## LARGE TRUMPET DAFFODILS

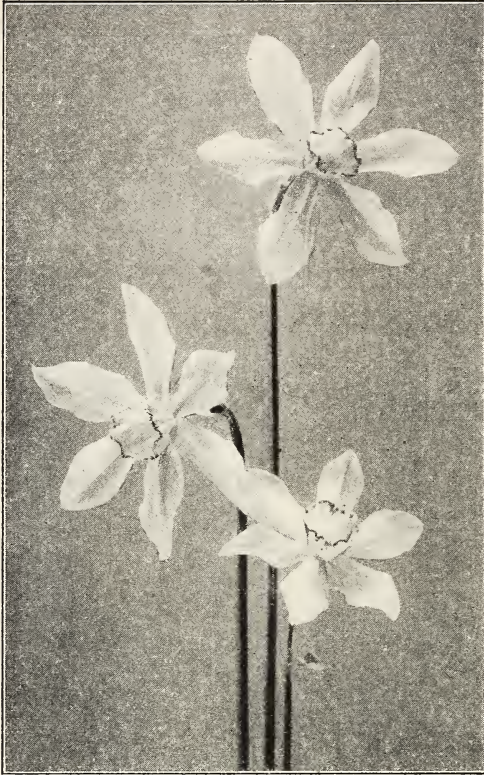
(If by parcel post add postage at zone rates; weight per doz., 1¼ lbs.; per 100, 13 lbs.)

	Per doz.	Per 100
<b>Emperor</b> : the finest yellow; the perianth and trumpet are finely formed and very large; the color is a rich golden yellow; late flowering. Large bulbs .....	\$0.90	\$6.00
<b>Empress</b> : a beautiful variety, with a very large rich yellow trumpet and pure white perianth of great substance; late flowering. Large bulbs .....	.90	6.00
<b>Victoria</b> : a new daffodil with broad white perianth and large yellow trumpet; extra large flowers .....	.80	5.50
<b>Gigantic</b> : the largest of all daffodils; the flowers are of huge dimensions; primrose perianth with bright yellow trumpet flanged at the brim; a vigorous grower .....	3.00	
	Each, 30c	
<b>Golden Spur</b> : the finest of all the early yellow trumpet varieties, producing large golden yellow flowers on long stems; early and extremely free flowering. ....	.80	5.50
<b>King Alfred</b> : golden yellow; the trumpet is of beautiful form with deeply frilled mouth; extremely large, bold flower and strong grower .....	1.75	12.50
	Each, 30c	
<b>Olympia</b> : trumpet deep yellow, perianth paler; a flower of great size and beautiful form .....	3.00	
	Each, 30c	
<b>Fine Mixture</b> of the best Single Trumpet and Crown Daffodils .....	.80	5.50
<b>Fine Mixture</b> of the best Double Daffodils .....	.80	5.50



Jonquils

(For varieties see page 6.)



Barrii Conspicuous Daffodils

## CROWN DAFFODILS

(If by parcel post add postage at zone rates;  
weight per doz., 1½ lbs.; per 100, 9 lbs.;  
except Sir Watkin, weight per doz.,  
2½ lbs.; per 100, 19 lbs.)

<b>Barrii Conspicuous:</b> broad prim-rose yellow perianth, with a short broad crown, edged with orange-scarlet .....	\$0.80	\$5.50
<b>Beauty:</b> perianth clear yellow; crown somewhat deeper, margined with orange-red; flowers very large; free bloomer.....	.90	6.00
<b>Gloria Mundi:</b> clear yellow perianth with much expanded orange-scarlet cup; very fine .....	.80	5.50
<b>Lady Godiva:</b> very elegant form, perianth white, cup broad, yellow edged orange-scarlet.....	.80	5.50
<b>Lucifer:</b> a very distinct variety; the perianth is pure white and the crown a brilliant orange, forming a beautiful contrast .....	.80	5.50
<b>Sir Watkin:</b> immense flowers, often measuring 5½ inches across; the perianth is light yellow and the crown rich golden yellow .....	1.00	7.00

## SWEET SCENTED JONQUILS

The blossoms are produced in clusters and resemble Daffodils but are much smaller. They are pure golden yellow and very fragrant.

(If wanted by mail, add 5c per doz. for postage.)

	Per doz.	Per 100
<b>Single:</b> the favorite variety; the small blossoms are a rich golden yellow and very fragrant .....	\$0.50	\$3.25
<b>Campernelle:</b> a larger form of the single sweet-scented .....	.50	3.75

## HERBACEOUS PAEONIES

Plant them in deep rich soil, setting the roots so that the crowns are covered with two inches of earth. If planted too deep they are not likely to bloom freely.

**Strong Clumps:** in separate colors or assorted, 60c each; \$6.00 per dozen.

**Couronne d'Or:** pure white with amber yellow stamens; fragrant.

**Edulis Superba:** deep rose pink, shading lighter.

**Felix Crousse:** brilliant flaming red.

**Festiva Maxima:** finest pure white.

**Lady Bramell:** silvery rose.

**Triumph De L'Exposition:** pale hydrangea pink.



Herbaceous Paeony





Hardy Iris or Flags

HARDY IRIS OR FLAGS

This type has beautiful orchid-like flowers and broad foliage which is evergreen. Very suitable for planting in borders in light shade or sunny places. Plant 2 inches deep and 15 inches apart.

(If by parcel post add postage at zone rates; weight per doz., 3 lbs.; per 100, 24 lbs.)

	Each	Per doz.
Alcazar: standards lavender-violet; falls velvety purple with bronze veinings; tall grower .....	\$0.75	
Blue Jay: standards bright clear blue; falls intense dark blue; 30 inches.....	.20	2.00
Caprice: standards rosy red, falls deeper rosy red; two feet.....	.25	2.50
Caterina: standards clear light blue; falls soft lilac blue, deliciously fragrant; four feet .....	.50	5.00
Dr. Bernice: standards coppery bronze; falls velvety crimson; very large and beautiful; two feet .....	.25	2.50
Frederick: soft light blue; heavy bloomer .....	.20	2.00
Gloire de Hillegom: clear light blue, tall variety .....	.20	2.00
Hannibal: standards gray blue, falls striped deep blue .....	.20	2.00
Her Majesty: standards soft rose; falls deeper rose, heavily veined; two feet .....	.25	2.50
Isolene: a new variety; standards pale lavender; falls light purple overlaid with brown, beard yellow; strong grower.....	.35	3.50
Kharput: standards rich blue; falls violet purple; 30 inches.....	.25	2.50

King of Iris (new): standards lemon yellow, falls deep brown and yellow; one of the most beautiful sorts.....	.50	
Lohengrin: flowers of gigantic size, with petals two inches wide of a silvery mauve .....	.35	3.50
Loreley: standards light yellow; falls ultramarine blue, bordered cream; two feet .....	.35	3.50
Madam Chereau: white, elegantly frilled, azure blue at the edges; 32 inches.....	.15	1.50
Mithras: standards light yellow; falls brilliant wine-red with narrow border of deep yellow .....	.50	5.00
Monsignor: standards rich satiny violet; falls velvety purple—crimson with lighter veinings. Handsome .....	.50	5.00
Nibelungen: standards fawn-yellow; falls deep purple, edged creamy white; new sort; 30 inches .....	.35	3.50
Nuee d'Orange: standards slaty gray; falls bronze and purple; very large, two feet .....	.50	5.00
Oriflamme: standards light blue; falls rich violet-purple. Immense, handsome flowers .....	.75	
Pallida Dalmatica: exquisite shade of lavender-blue, strong grower and a very free bloomer .....	.30	3.00
Perfection: light blue standards with velvety black falls; two feet.....	.25	2.50
Powhattan: standards reddish-mauve, falls purple; very fine; three feet.....	.25	2.50
Princess Victoria Louise (new): standards immense sulphur yellow, falls plum color shaded primrose; two feet.....	.35	3.50
Prosper Laugier: standards light bronze red; falls velvety ruby-purple, orange beard, handsome .....	.50	5.00
Queen of May: a lovely soft rose-lilac; 32 inches .....	.25	2.50
Rhein Nixe (new): standards pure white, falls deep violet-blue with white margin; two feet .....	.35	3.50
Tameralane: deep violet-purple falls with paler standards; three feet.....	.35	3.50
Special mixture of choice named sorts, our selection only: \$2.50 per doz., \$17.50 per 100.		
Good mixture: \$1.50 per doz., \$10.00 per 100.		

MOURNING IRIS (Susiana)

(Postpaid)

This is a very beautiful and quite distinct variety growing one foot tall and blooming in May. The large flowers are silvery gray veined with dark chocolate and covered with a network of fine lines. Set the bulbs 3 inches deep and 12 inches apart.

After the foliage has turned yellow in the summer the bulbs should be dug up and stored away in dry soil until the fall.

50c each; \$5.00 per doz.

IRIS FOETIDISSIMA

(Gladwyn Iris)

	Each	Per doz.
The flowers are inconspicuous but the seed pods when ripe break open, show rows of bright red berries which remain in good condition for a long time.....	\$0.25	\$2.50

IRIS OCHROLEUCA GIGANTEA

A fine species growing 4 feet tall with evergreen foliage, producing large creamy-white flowers with an orange-yellow blotch on each petal; blooms in May.

Each 25c; per doz., \$2.50

(For Spanish Iris and Japanese Iris see inside of front cover.)



## GLADIOLUS

The culture of the Gladiolus is one of the easiest. Set the bulbs about 3 inches deep and 7 or 8 inches apart each way. Any good garden soil will make strong plants and good bloom, but for the finest results use manure and plenty of water. After the flowers are past, dig the bulbs up and dry them under cover in the open air for a month and then store in dry soil till next Winter, when they may be reset. From December to April are the months in which to plant Gladioli.

(If wanted by mail, add postage at zone rates, 1 dozen weigh 1¼ lbs, 100 weigh 9 lbs. Single bulbs postpaid.)

## SELECT NAMED SORTS

**America**—Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft lavender-pink; orchid-like in its coloring and texture; growth and habit perfect. 7c each; 75c per doz.; \$5.00 per 100.

**Baltimore**—Beautiful light salmon, deeper in throat. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Blue King (Baron Hulot)**—Rich velvet blue. 10c each; \$1.00 per doz.; \$7.50 per 100.

**Empress of India**—Deep velvety maroon. 10c each; \$1.00 per doz.; \$7.50 per 100.

**Glory of Holland**—Large pure white with lavender anthers; fine sort. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Golden King**—Golden yellow with crimson blotch. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Gretchen Zang**—A beautiful soft pink shade blending into scarlet on lower petals. 18c each; \$1.75 per doz.

**Halley**—Very large flowers of a lovely salmon pink, lower petals blotched yellow with carmine markings. 7c each; 75c per doz.; \$5.00 per 100.

**Herada**—Blooms of immense size on tall, straight spikes. Color is a pure mauve, with deeper markings in throat; a very attractive color. 18c each; \$1.75 per doz.

**Ida Van**—Flaming orange red, very rich color. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Liebesfeuer (Love's Fire)**—Very large flowers of a bright coral red shade produced on fine strong spikes. 20c each; \$2.00 per doz.

**Loveliness**—Very large flowers of creamy white, suffused with soft pink. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Mr. Mark**—A very pleasing shade of light blue, with darker spot; strong grower and extra fine for cutting. 20c each; \$2.00 per doz.

**Mrs. Francis King**—A lovely light scarlet; strong straight spikes. 7c each; 75c per doz.; \$5.00 per 100.

**Mrs. Frank Pendleton**—A beautiful salmon-pink with a conspicuous blood-red blotch in the throat on the lower petals. Flowers are of the largest size and are borne on strong spikes. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Mrs. Watt**—A rich deep cherry red, very beautiful and quite distinct. 12c each; \$1.25 per doz.; \$9.00 per 100.

**Myrtle**—Delicate pink, margined soft rose pink. One of the most beautiful pinks yet produced in Gladiolus. 20c each; \$2.00 per doz.

**Niagara**—Large flowers, measuring 4½ inches across, of a delicate cream yellow lightly splashed with carmine. 10c each; \$1.00 per doz.; \$7.50 per 100.

**Panama**—This grand variety resembles America, but is a much deeper pink. Highly recommended. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Peace**—The largest white sort, interior of petals feathered pale lilac. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Pink Perfection**—A beautiful shade of apple blossom pink; large flowers of fine form on long spikes. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Princesps**—Immense wide open flowers, color rich crimson with broad white blotches across the lower petals. 10c each; \$1.00 per doz.; \$7.00 per 100.



Gladiolus

**Prince of Wales**—Flowers are large and well placed, and the color is lovely coral-pink; one of the best novelties of recent introduction. 18c each; \$1.75 per doz.

**Schwaben**—Best clear canary-yellow, the stalks produce about 20 very large flowers, 6 to 8 usually open at one time. 10c each; \$1.00 per doz.; \$7.50 per 100.

**War**—Deen blood red, shaded crimson-black; very tall and conspicuous. 15c each; \$1.50 per doz.; \$10.00 per 100.

Collection of one of each of the above 25 varieties for \$3.00.

**Primulinus Major Hybrids**—This strain produces beautiful, slightly hooded flowers of good size on tall graceful stems, mostly in tones running from light yellow to orange-apricot and crimson. 7c each; 75c per doz.; \$5.00 per 100.

**Rainbow Mixture**—A splendid strain of large flowering gladiolus in a good variety of colors. 75c per doz.; \$5.00 per 100.

**Extra Select Mixture**—Made up from best named sorts. \$1.00 per doz.; \$7.50 per 100.

## LILIES

Lilies succeed best in partial shade and require protection from the wind. Set the tops of the bulbs five inches below the surface and 12 inches apart. They require a loose soil with good drainage. Water only lightly until they are well rooted, but liberally when about to bloom. Keep free from plant lice by spraying with nicotine.

(If wanted by parcel post, add postage at zone rates. Weight of 1 doz., 3 lbs.)

November and December delivery.

**Auratum** (Golden Banded Lily): the grandest of all hardy lilies, with large graceful flowers of an ivory white color, thickly studded with chocolate crimson spots and a bright gold band through the center of each petal. 25c each; \$2.50 per doz.; \$17.50 per 100; 45c each; \$4.50 per doz. \$32.50 per 100 according to size.

**Auratum Platyphyllum**: similar to Auratum, but larger and finer in all respects. Especially noted for its broad lustrous leaves, which give double attraction. The petals are studded with crimson chocolate spots. 35c each; \$3.50 per doz.; \$25.00 per 100.

**Henryii** (the Yellow Speciosum): the flowers are a rich apricot yellow with a few brown spots; grows 3 to 5 feet high; very hardy and free flowering. 25c each; \$2.50 per doz.; \$17.50 per 100.

**Leopard Lily**: the native Tiger Lily found growing in the mountains in all parts of California. The flowers are borne on tall stems and are scarlet and yellow spotted with brown. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Speciosum Rubrum** (Pink Tiger Lily): a strong, vigorous grower, having stems 3 to 4 feet tall with bright blossoms which are white, shaded rose and spotted deep red. 25c each; \$2.50 per doz.; \$17.50 per 100.

**Speciosum Rubrum Magnificum**: this variety is similar to the Rubrum but is a deeper crimson. 25c each; \$2.50 per doz.; \$17.50 per 100.

**Speciosum Album**: a beautiful lily; the flowers are white and the petals recurved; the stems are 3 to 4 feet tall. 30c each; \$3.00 per doz.; \$21.00 per 100.

**Tigrinum Giganteum** (Improved Tiger Lily): a very hardy and free flowering sort; the blossoms are a bright orange color, spotted black. 25c each; \$2.50 per doz.; \$17.50 per 100.



*Lilium Auratum*

**Yellow Calla Lily** (Elliottiana): the true yellow flowered Calla; the flowers are bright yellow and the foliage dark green, spotted white. Plant bulbs one inch deep in well drained soil after cold weather is over. Large bulbs 35c each; \$3.50 per doz.

**Black Calla Lily** (Arum Pictum): a hardy odorless variety suitable for pot culture or outdoors; plant in rich soil and in a partially shaded place. 40c each; \$4.00 per doz.

**White Calla Lily**: strong bulbs. \$1.25 and \$1.50 per doz.

## Miscellaneous Bulbs

Spring Flowering Bulbs can be planted from September to December. They require a moderately rich soil which should be well drained. If the soil is in poor condition use a little bone meal or well-rotted manure. Fresh manure is injurious to bulbs. When the soil is heavy or stiff, place a small quantity of sand or coal ashes at the base of each bulb. A good rule to go by except where stated is to cover the bulbs with soil one and a half times their own depth.

## ALSTROMERIA AURANTIACA

(Postpaid)

A variety of Chilean Lily with spikes of lily-like flowers which are orange-yellow spotted red. Fine as a cut flower owing to its lasting qualities. They grow 2 feet tall and bloom in July. Set the tubers not less than 6 inches deep.

Each, 25c; per doz., \$2.50.

## AMARYLLIS

**Belladonna Major**: large beautiful rose-pink trumpet-shaped flowers borne on tall leafless stalks, the leaves appearing after the plant is through flowering. They bloom in August and September. Set the bulbs so that they are barely covered, as deep planting often prevents them from blooming for a long time. 15c each; \$1.50 per doz., and 20c each, \$2.00 per doz., according to size.

(Weight of 1 doz., 8 lbs.)





Single Anemones

## ANEMONES (Spring Flowering)

(Postpaid)

The blossoms of the single variety resemble poppies. The flowers are very beautiful and come in a great variety of dazzling colors. They flower early in spring and make a pretty display when planted in a bed or a border.

Set the tops of the bulbs 1 inch below the surface and 6 inches apart. Soak in water overnight before planting.

Caen or Giant Single Mixed. Large bulbs, \$1.00 per doz.; \$7.00 per 100.

## BEGONIA (Tuberous-Rooted)

(January delivery, prices postpaid)

Splendid pot plants; also useful for bedding outside in partial shade, flowering very profusely.

We offer Begonias in the following separate colors: Red, Salmon, White, Yellow and Pink.

	Each	Per doz.
Single: all colors, separate or mixed.....	\$0.25	\$2.50
Double: all colors, separate or mixed.....	.35	3.50

## CROCUS

One of the earliest spring flowering bulbs. They are effective when planted in a lawn or in a border 3 or 4 rows deep.

Set the tops of the bulbs 2 inches below the surface and 2 to 4 inches apart. For pot culture plant 6 or 8 bulbs in a pot, 1 inch deep.

(Dozen, postpaid)

(If by parcel post add postage at zone rates; weight of 100, 2 lbs.)

	Per doz.	Per 100
Blue and Purple: mixed.....	\$0.25	\$1.50
White: mixed.....	.25	1.50
Striped Varieties: mixed.....	.25	1.50
Yellow: mixed.....	.25	1.50
Yellow: extra large flower.....	.40	2.50
King of the Blues: extra large flower.....	.40	2.50
Queen of the Whites: extra large flower.....	.40	2.50
Splendid Mixture of all colors. Smaller size.....	.25	1.50
Large size.....	.40	2.50

## FREESIAS

(September and October delivery. Postpaid)

They flower very early if planted in September and October. The flowers are borne on stems from 9 to 24 inches tall, with 6 to 8 flowers on a stem.

Set the tops of the bulbs 1 inch below the surface and 4 to 6 inches apart.

	Per doz.	Per 100
Purity: finest and purest white variety; large flower and of strong growth. Large bulbs.....	\$0.30	\$2.00
Per 1000.....	\$15.00	
Barr's Yellow: a clear deep yellow variety.....	.75	5.00
Lavender and Dark Blue Shades, mixed.....	.75	5.00
Rose Pink Shades.....	.75	5.00
Rainbow Mixture: Various shades of lavender, yellow, white and pink.....	.75	5.00



Purity Freesias



**BRODIAEA**

(California Wild Flower)

(Postpaid)

**Congesta:** the flowers of this fine violet colored variety come in dense clusters and are borne on stems often four feet tall. 35c per doz.; \$2.50 per 100.

**CALOCHORTUS**

(California Wild Flower)

**Mariposa Tulips:** the flowers are of rich and brilliant colors in various shades of white, purple and yellow, borne on stiff slender stalks 15 inches high, and bloom in summer. 40c per doz., \$3.00 per 100. (Postpaid.)

**GLADIOLUS**

(early lowering)

(November delivery, postpaid)

This type of Gladiolus blooms in May. The flowers borne on long slender stems, are greatly used for cut flowers.

	Per doz.	Per 100
<b>The Bride:</b> pure white.....	\$0.35	\$2.50
<b>Peach Blossom:</b> delicate rosy blush, blotched rose and cream.....	.60	4.00
<b>Blushing Bride:</b> ivory white with crimson blotches on lower petals.....	.75	5.00
<b>Non Plus Ultra:</b> beautiful large rosy red, flaked white.....	.75	5.00
<b>Mixture of above sorts.....</b>	.60	4.00

**HYACINTHUS CANDICANS**

(January delivery)

(If by parcel post add postage at zone rates; weight of 1 bulb 5 oz.; of 1 doz., 3¼ lbs.)

Free growing, summer-flowering plants with flower stems 2 to 4 feet high, each bearing from 20 to 30 large white bell-shaped flowers; splendid for groups. 25c each; \$2.50 per doz.

**ISMENE (Peruvian Daffodil)**

(If by parcel post add postage at zone rates; weight of 1 doz., 5 lbs.)

A grand summer-flowering bulb, producing with great freedom, large, Amaryllis-like, fragrant flowers. Bulbs can be used for a pot plant or for growing outdoors. For outdoor culture, do not plant bulbs until late spring. Plant shallow.

**Calathina:** pure white, 25c each; \$2.50 per doz.  
**Yellow:** a rare variety; intensely fragrant. 25c each; \$2.50 per doz.

**LILY OF THE VALLEY**

(December delivery; postpaid)

Suitable for pot culture or outdoors. For outdoor culture they require a loose, rich soil and a moist, shady position; set so that the tips are slightly above ground and at a distance of three or more inches apart. 75c per doz.; \$5.50 per 100.

**MONTBRETIA**

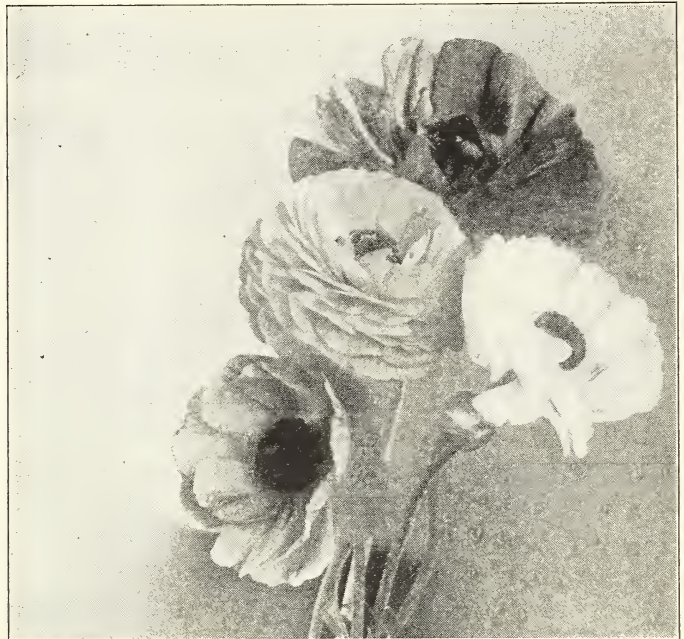
(Postpaid) (December Delivery)

A summer flowering bulb, somewhat resembling a gladiolus. The flowers come in shades of orange and yellow and are borne on long graceful spikes, and bloom from July to September.

Plant several bulbs in a clump about 2 inches deep.

(Giant Flowering Sorts)

<b>California:</b> beautiful deep golden yellow, free flowering; extra fine.....	Per doz.	Per 100
	\$0.40	\$2.50
<b>Pink King:</b> splendid large flowers of a glowing scarlet red.....	.40	2.50



Ranunculus

**ORNITHOGALUM**

(Weight of 1 doz., 1¼ lbs.; of 100, 12 lbs.)

**Arabicum:** A beautiful variety, throwing up a tall spike bearing numerous large, milk-white, star-shaped flowers, with a black center, and having a distinct aromatic perfume. They are of the easiest culture. \$1.00 per doz.; \$7.00 per 100.

**OXALIS**

Pretty little half trailing or bushy plants. Adapted for borders and hanging baskets.

**Grand Duchess:** type in White, Pink, Lavender, Yellow or Mixed. 30c doz.; \$2.00 per 100. (Postpaid)

**RANUNCULUS**

These spring-flowering bulbs are unrivaled for lovely form and bright colors. The double flowers are borne on stems about 9 inches high. The bulbs have curious finger-like projections, which should be planted pointing down. Plant 1 inch deep and 6 inches apart, in a partly shaded location. Soak the bulbs in water for one or two hours before planting.

**Superb Mixture:** 60c per doz.; \$4.00 per 100.

(Postpaid)

**SPRING SNOWFLAKES**

(Leucojum Vernum)

These are similar to Snowdrops but of stronger growth. The flowers are white, tipped with green.

\* 40c per doz.; \$3.00 per 100; \$27.50 per 1000.

**TRITONIA CROCATA**

Attractive orange-red flowers about 2 inches across, with a transparent blotch at the base of each petal. One foot tall; bloom in May. (Postpaid) 50c per doz.; \$3.50 per 100.

**WATSONIA**

(If by parcel post add postage at zone rates; weight of 1 doz. 2 lbs)

Watsonias are similar to the Gladiolus and bloom from June until August. The spikes grow 3 to 4 feet tall and bear about 1 dozen flowers which are 2½ to 3 inches long and about 2 inches across. They bloom freely and thrive best in a sunny situation. Set the bulbs 3 inches deep and 8 inches apart.

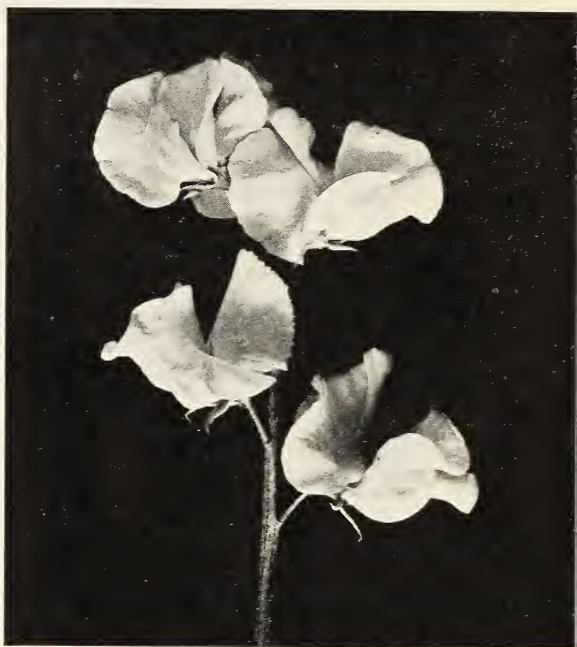
	Per doz.	Per 100
<b>Andernei:</b> large spikes of pure white flowers.....	\$0.50	\$3.00
<b>Pink and Salmon shades.....</b>	.75	5.00

## Sweet Peas

Sow Sweet Pea seed in November and December for early spring flowers. They can also be sown any time during winter or spring for later flowering. The soil for Sweet Peas should be rich and deep. Prepare the ground by giving a liberal dressing of well-rotted manure and bone meal. Sow the seed thinly 1 inch deep. When they are above the ground thin from 6 to 12 inches apart, as the flowers will not be large if the vines are overcrowded. When the plants are well above the trench they should be supported on stout stakes at least 6 feet high on which wire netting has been fastened. During dry weather they should be watered frequently and given an application of liquid manure once a week.

### SPENCER OR ORCHID FLOWERED SWEET PEAS

The finest type of Sweet Pea. The blossoms are large and very wavy, with long stems, generally having four blossoms to the stem.



King White Spencer Sweet Pea

	Per pkt.	Per oz.
<b>Asta Ohn:</b> lavender suffused with mauve.....	\$0.10	\$0.40
<b>Aurora Spencer:</b> striped and flaked salmon-rose on white ground.....	.10	.40
<b>Austin Frederick:</b> giant lavender, very fine.....	.10	.40
<b>Barbara:</b> large bright salmon; must be grown in shade.....	.10	.40
<b>Blanche Ferry Spencer:</b> rose standard; wings white, suffused with light pink....	.10	.40
<b>Blue Monarch:</b> dark blue.....	.10	.40
<b>Constance Hinton:</b> very large white, slight tint of pink when young.....	.10	.40
<b>Countess Spencer:</b> a lovely clear pink, shading deeper at edges.....	.10	.40
<b>Dobbie's Cream:</b> the finest primrose variety; the flowers are large and well waved; generally in fours on long stems.....	.10	.40
<b>Dobbie's Blue Picotee:</b> white, with violet-blue edge.....	.10	.40
<b>Edrom Beauty:</b> large salmon-orange; an improved Helen Lewis.....	.10	.40
<b>Elfrida Pearson:</b> giant pale pink on white ground; vigorous grower.....	.10	.40
<b>Fiery Cross:</b> intense orange scarlet; sunproof, beautifully waved and fluted.....	.10	.40
<b>Florence Nightingale:</b> a beautiful clear lavender; very large flower.....	.10	.40
<b>George Herbert:</b> bright rose-carmine; very showy.....	.10	.40
<b>Helen Pierce Spencer:</b> white ground mottled bright blue.....	.10	.40
<b>Hercules:</b> giant bright pink of excellent form.....	.10	.40
<b>Illuminator:</b> rose, suffused with salmon-orange; a grand variety of large size and great substance; well waved.....	.10	.40
<b>King Edward Spencer:</b> bright crimson-scarlet; magnificent in size and color....	.10	.40
<b>King White:</b> the finest white sweet pea; the large flowers are borne almost invariably in fours on stout stems; the blossoms are finely frilled and are of great substance.....	.10	.40
<b>Lavender George Herbert:</b> one of the best of the lavender varieties; a strong grower giving plenty of fours; color is bluish lavender.....	.10	.40
<b>Margaret Atlee:</b> rich pink and salmon on cream ground.....	.10	.40

	Per pkt.	Per oz.
<b>Mrs. Arnold Hitchcock:</b> a charming shade of soft pink, flushed with salmon on a cream ground.....	.10	.40
<b>Mrs. Hugh Dickson:</b> a beautiful blending of apricot pink and buff; large and wavy.....	.10	.40
<b>Mrs. J. Balmer:</b> cream edged rose-pink, very beautiful.....	.10	.40
<b>New Margaret Madison:</b> clear azure blue....	.10	.40
<b>Nubian:</b> large deep chocolate.....	.10	.40
<b>Orchid:</b> flowers are extra large and are borne on long stiff stems; the color is a rich deep lavender throughout, slightly suffused pink.....	.10	.40
<b>Robert Sydenham:</b> orange scarlet; must be shaded.....	.10	.40
<b>Rosabelle:</b> bright rose, great form and size.....	.10	.40
<b>Royal Purple:</b> fine royal purple color; flowers of large size; a distinct variety....	.10	.40
<b>Scarlet Emperor:</b> rich deep scarlet, extra large and nicely waved.....	.10	.40
<b>Senator Spencer:</b> chocolate, striped and mottled on ivory white.....	.10	.40
<b>Sincerity:</b> bright glowing cerise, extra large flowers of perfect form.....	.10	.40
<b>The Cardinal:</b> extremely large flowers of a glowing scarlet; sunproof.....	.10	.50
<b>The President:</b> extremely large flowers of a glowing scarlet.....	.10	.40
<b>Warrior:</b> rich chocolate maroon flushed with bronze; great form and size.....	.10	.40
<b>Wedgewood:</b> silvery blue.....	.10	.40

Superb collection of 15 sorts for \$1.00.

(For varieties see back cover of catalogue.)



## Spencer Sweet Peas—*continued*

### HALLAWELL'S SPENCER MIXTURE

This mixture is a beautiful blend of the best varieties of Spencers in the proper proportion, and includes all the very latest novelties. Pkt., 10c; oz., 30c; ¼ lb., 90c; pound, \$3.00.

**Large Flowering Mixed:** a very fine assortment of all the best Grandiflora varieties. Pkt. 10c; 1-oz. 20c; ¼-lb. 50c.  
**Cupid Mixed:** very dwarf and bushy, growing 1 foot high

and spreading to about 2 feet in diameter; very effective when planted in a border; mixture of all varieties. Pkt. 10-oz., 20c.

### SPECIALTIES IN SWEET PEAS

**Hawlmarm Pink:** A most beautiful shade of rich rose pink, deeply flushed and shaded with salmon. a vigorous grower and exceptionally free flowering. Pkt., 15c; oz., 60c.

**Mrs. Tom Jones:** The most perfect blue Sweet Pea to date, the color being a bright delphinium blue; the flowers are very large and beautifully waved and come four on a stem. Pkt., 15c; oz., 60c.

**Royal Scot:** A true brilliant scarlet. In size and form it surpasses any other of this shade, and does not fade or burn in the hottest sunshine. Pkt., 15c; oz., 60c.

### EARLY LONG SEASON WINTER FLOWERING SPENCER SWEET PEAS

These varieties have the large ruffled blossoms of the Spencer type and the early flowering habit of the Winter Sweet Peas. They will commence flowering from four to six weeks earlier than the regular Spencer type and remain in bloom for a long season. Especially adapted for the Hawaiian Islands and other tropical countries.

	Per pkt.	Per oz.		Per pkt.	Per oz.
<b>Early Blanche Ferry or Christmas Pink:</b>			<b>Early Lavender King:</b> a rich true deep		
rose pink with white wings.....	.15	\$1.00	lavender .....	.15	\$1.00
<b>Early Fire King:</b> deep orange scarlet.....	.15	1.00	<b>Early Liberty:</b> crimson .....	.15	1.00
<b>Early Glitters:</b> a magnificent new variety;			<b>Early Rose Charm:</b> large bright rose.....	.15	1.00
the standard is a bright fiery orange and			<b>Early Snowstorm Improved:</b> pure white.....	.15	1.00
the wings are deep orange.....	.25	.....	<b>Early Springmaid:</b> light cream pink.....	.15	1.00
<b>Early Harmony:</b> clear lavender.....	.15	1.00	Collection of 5 sorts for 50c.		
<b>Early Hercules:</b> mammoth rosy pink.....	.15	1.00	(For varieties see back cover of catalogue.)		
			Collection of the above ten sorts for \$1.15.		
			<b>Gold Medal Mixture</b> .....	.15	.75

### FLOWER SEEDS FOR FALL PLANTING

For more complete cultural directions and descriptions see our General Catalogue.

**CULTURAL DIRECTIONS**—It is better in most instances except hardy annuals to start the seed in shallow boxes about 4 inches deep, using very sandy soil with leaf mould so that it will not bake, and provide for drainage by boring some holes in the bottom of the box. Set the boxes in a warm sheltered place, but protect from direct sunlight, as the seed is liable to be scorched up. When the plants have made the fourth leaf they should be pricked out, reset in another box, or preferably in paper pots, and when well started they should be transplanted into the garden. If the seed is to be sown directly in the garden, it should be done after the soil is well worked and fertilized. A slight depression should be made with a stick, the seed sown, and then covered with sharp sand about twice the depth of the diameter of the seed. The sand will prevent the crusting over of the soil after watering. When the plants are up they should be thinned out. The following varieties of seed should be sown in the open: Alyssum, Bartonia, Calendula, Candytuft, Clarkia, Collinsia, Gilia, Eschscholtzia, Gypsophila, Lupin, Mignonette, Nemophila, Annual Poppies.

	Per pkt.		Per pkt.
<b>Achillea, The Pearl</b> .....	\$0.15	<b>Cheiranthus Allioni</b> .....	.10
<b>Agrostemma Coronaria</b> (Rose of Heaven).....	.10	<b>Chelone Barbatu Torreyi</b> .....	.10
<b>Alyssum:</b> Sweet, Little Gem, Lilac Queen.....	Each	<b>Cineraria:</b> Hallawell's Prize Mixed.....	.35
<b>Alyssum Saxatile Compactum</b> .....	.10	Good Mixture .....	.25
<b>Anchusa Italica:</b> Dropmore .....	.15	Royal Blue, Rose.....	Each
<b>Anchusa Capensis</b> .....	.10	Scarlet, Sky Blue.....	Each
<b>Arabis Alpina</b> .....	.10	Stellata Mixed .....	.25
<b>Arcotitis Grandis</b> (African Lilac Daisy).....	.10	<b>Clarkia:</b> double, Purple Prince, Scarlet Beauty.....	Each
<b>Bartonia Aurea</b> .....	.10	double, Queen Mary, Salmon Queen.....	Each
<b>Calendula</b> (Cape Marigold): orange, lemon, mixed.....	.10	double, mixed .....	.10
<b>Candytuft</b> (Empress): giant white, rose cardinal.....	.10	<b>Collinsia:</b> mixed .....	.10
carmine, crimson .....	.10	<b>Columbine:</b> .....	
lilac, mixed .....	.10	Chrysanthus; yellow .....	.10
Sempervirens; perennial white.....	.10	Coerulea; blue and white.....	.10
Gibraltarica; perennial lilac.....	.10	Long Spurred; mixed .....	.10
<b>Canterbury Bells:</b> single, blue, white, pink mixed.....	.10	double mixed .....	.10
or mixed .....	.10	<b>Coreopsis Grandiflora</b> .....	.10
<b>Carnation Marguerite:</b> mixed .....	.10	<b>Daisy:</b> Snowball; double white.....	.10
<b>Carnation Giant Marguerite:</b> mixed.....	.15	Longfellow; double pink .....	.10
<b>Centaurea</b> (Sweet Sultan): white, purple.....	.10	double; mixed .....	.10
rose, mixed .....	.10	Giant Rose; white, mixed.....	Each
(Cornflower) single blue single, mixed.....	.10	Shasta .....	.15
double blue, double mixed.....	.10	<b>Dianthus Plumarius or Glove Pinks:</b> single, mixed.....	.10
		double, mixed.....	.10
		Cyclops .....	.10



# Flower Seeds for Fall Planting—continued



Godetia

Eschscholtzia: Californicus, Golden West.....Each	.10
“ White, Vesuvius .....	.10
“ Crimson, Rosy Queen.....Each	.10
“ Chrome Queen, Dainty Queen.....Each	.10
“ New Hybrids, mixed.....	.15
Forget-Me-Not: blue, white, pink.....Each	.10
“ Victoria, Indigo Blue.....Each	.10
“ Robusta, Semperflorens.....Each	.10
Foxglove (Digitalis): rose, white, purple.....Each	.10
“ “ mixed .....	.10
Gaillardia Grandiflora: mixed.....	.10
Geum Mrs. Bradshaw .....	.15
Gilia, Achilleaefolia, Tricolor.....Each	.10
Godetia: Duchess of Albany; white.....	.10
“ double mauve, double rose, double crimson.Ea.	.10
“ Lady Albemarle; crimson.....	.10
“ Lord Roberts; glowing red, compact.....	.10
“ Rosamond; glossy pink, compact.....	.10
“ Semi-dwarf, mixed, double mixed.....Each	.10
Gypsophila Elegans: Grandiflora.....	.10
“ “ Carminea .....	.10
“ “ Paniculata .....	.10
“ “ fl. pl. double white.....	.20
Hollyhock: double; mixed, rose pink.....Each	.10
“ blood red, canary yellow.....Each	.10
“ white, maroon .....	.10
“ Newport Pink; clear pink.....	.10
“ Allegheny Fringed; mixed.....	.10
Larkspur (Annual): Double Stock Flowered; mixed	.10
“ (Delphinium): Gold Medal mixture.....	.10
“ “ Belladonna; new turquoise blue	.25
Lathyrus Latifolius (Per. Pea): Wh. Pearl, crim.Ea.	.10
“ “ “ Pink Beauty; mixed.Ea.	.10
Lupin Polyphyllus (Perennial): white, rose.....Each	.10
“ “ “ blue, mixed.....Each	.10
“ Annual: white, dark blue.....Each	.10
“ “ sky blue, rose.....Each	.10
“ “ mixed .....	.10
Lychnis Chalcedonica: scarlet.....	.10
“ Haageana: mixed .....	.10
Mignonette: sweet-scented .....	.10
“ Allen's Defiance .....	.10
“ Machet: copper colored.....	.10
“ Goliath, Triumph .....	.15
“ Orange Queen .....	.10
Nemophila (Baby Blue Eyes).....	.10
Pentstemon: Giant mixed .....	.25
Platycodon: Blue .....	.10
Poppy: Shirley; mixed .....	.10
“ Eldorado; mixed .....	.15
“ double fringed; mixed .....	.10
“ “ “ white, pink, red.....Each	.10
“ “ Paeony; mixed .....	.10
“ Oriental; red .....	.10
“ “ Princess V. Louise; salmon	.15
“ “ Hybrids; mixed .....	.10
“ Iceland; orange, white, yellow.....Each	.10
“ “ New Hybrids; mixed .....	.15
Primula Polyanthus; choice mixed .....	.15
Pyrethrum: Golden Feather.....	.10
“ Hybridum Grandiflora; mixed.....	.10
“ “ “ double mixed .....	.25
Scabiosa: Azure Fairy .....	.10
“ Crimson .....	.10
“ Flesh Pink .....	.10
“ King of Blacks .....	.10
“ Rose .....	.10
“ White .....	.10
“ Collection of 6 sorts for 50c.	
“ Mammoth Double Mixed .....	.10
Schizanthus Grandiflorus: mixed .....	.10
“ Wisetonensis: mixed .....	.25
“ Garraways Hybrids .....	.35
Snapdragon: Giant; white, pink, garnet.....Each	.10
“ Giant; scarlet, yellow.....Each	.10
“ Giant; rose, coral rose.....Each	.10
“ Giant mixed; semi-dwarf mixed.	
“ .....	.10

## STOCKS—WINTER FLOWERING:

Abundance: silvery rose lilac.....	.15
Beauty of Nice: flesh pink.....	.15
Crimson King: brilliant crimson.....	.15
Empress Elizabeth: bright rosy carmine.....	.15
Mont Blanc: pure white.....	.15
Monte Carlo: canary yellow.....	.15
Parma Violet: deep lavender.....	.15
Summer Night: deep blue.....	.15
Mammoth Nice Mixed .....	.10
Sweet William: Single; maroon, white; mixed.	
“ .....	.10
Sweet William: Newport Pink, Scarlet Beauty.	
“ .....	.10
Sweet William: Holborn Glory; double mixed.	
“ .....	.10
Viola Cornuta: White, blue, yellow.....Each	.10
Wallflower: single, blood red, Golden King.....Each	.10
“ single Goliath; brown .....	.10
“ single mixed .....	.10
“ double mixed .....	.15
“ Vesuvius; orange, scarlet.....	.10

## PANSIES IN MIXTURES

(For cultural directions see our general catalogue)

**Hallawell's Prize Strain:** this is a mixture of the giant-flowered varieties, all the plain colors, faced sorts, ruffled edged, and rare sorts; also the varieties exquisitely marbled, striped and blotched. Pkt. of 500 seeds, 50c.

**Imperial Strains Mixed:** a fine mixture of choice varieties ..... Pkt. \$0.25

**Giant Masterpiece:** these pansies have a combination of rich velvety colors and attractive ruffled petals ..... .25

**Giant Parisian Mixed:** a large flowering type of Trimardeau pansies, the top petals are larger than the three lower ones and are beautifully marked; very sweet scented.....Pkt. .15

**Bugnot Mixed:** A ruffled and five-petaled type, with soft, blended colors and tints, veined on the margins and with a dark blotch at the base of each petal .....Pkt. .25

**Cassier's Giant, Mixed:** A splendid mixture of various shades and markings. The blossoms are round and are blotched at the base of the petals.....Pkt. .25

**Giant Odier, Mixed:** A large flowered type, with round blossoms. The petals are all blotched at the base and distinctly margined on the edge.....Pkt. .25

## GIANT FLOWERED PANSIES

(In separate colors)

**Giant Adonis:** light blue.

**Giant Black.**

**Giant Bronze:** light brown shades.

**Giant Cardinal:** brilliant red

**Giant Emperor William:** dark navy blue.

**Giant Fire King:** golden yellow, upper petals crimson.

**Giant Golden Queen:** pure golden yellow.

**Giant Lord Beaconsfield:** lavender, heliotrope and purple.

**Giant Prince Henry:** rich dark blue.

**Giant Snowflake:** pure white.

**Giant Yellow:** golden yellow with dark eye.

15c per pkt. Collections of 6 of any of the above sorts, 75c

Collection of one of each of the above 11 sorts, \$1.35

## LAWN GRASSES

**Kentucky Blue Grass:** Fancy; extra clean; the most popular grass for lawns. It is dark green and of dense growing habit, making a beautiful turf in a heavy or black soil. Per lb., 75c; per 10 lbs., \$7.00.

**Hallawell's Evergreen Lawn Mixture:** A mixture of several deep green grasses which makes a thick sturdy lawn, remaining green both summer and winter. It is especially adapted for heavy or black soils. Per lb., 70c; per 10 lbs., \$6.50.

**Pacific Rye Grass:** This grass is similar to the Australian Rye Grass, but has a finer leaf and is longer lived. Per lb., 30c; per 10 lbs., \$2.50.

**White Clover:** Of dwarf habit with creeping stems, rooting at the joints, on which account it makes an excellent turf that stands constant tramping. Planted for a lawn either alone or in mixture with grass seed. Price per lb., \$1.00; per 10 lbs., \$9.00.

**Australian Rye Grass:** A very vigorous, quick-growing lawn grass, but a little coarse. Very satisfactory for lawns in San Francisco. Per lb., 25c; per 10 lbs., \$2.25.

**Golden Gate Lawn Mixture:** This mixture of hardy grasses contains a little white clover and forms a thick strong turf that will stand hard usage. Per lb., 40c; per 10 lbs., \$3.75.

## VEGETABLE SEEDS FOR FALL PLANTING

	Per Pkt.	Per Oz.	Per ¼ Lb.
<b>BEET</b>			
Crosby's Egyptian .....	.10	.20	.45
Eclipse .....	.10	.20	.45
Detroit Dark Red .....	.10	.20	.50

<b>CABBAGE</b>			
Early Jersey Wakefield .....	.10	.35	1.20
Allhead Early .....	.10	.40	1.35
Premium Flat Dutch .....	.10	.40	1.35

<b>CARROT</b>			
French Forcing .....	.10	.20	.45
Danver's Half Long .....	.10	.20	.45
Improved Long Orange .....	.10	.20	.45

<b>CAULIFLOWER</b>			
Early Snowball .....	.25	.....	.....
Veitch's Autumn Giant .....	.10	1.50	.....

<b>KALE</b>			
Tall Green Curled Scotch.....	.10	.20	.65
Jersey or Chicken .....	.10	.20	.45

<b>LETTUCE</b>			
Big Boston .....	.10	.25	.85
Los Angeles .....	.10	.35	1.15
White Paris Cos .....	.10	.20	.60

<b>ONION</b>			
Australian Brown .....	.10	.20	.60
Yellow Flat Danvers .....	.10	.20	.60
White Portugal .....	.10	.30	1.00

<b>PARSLEY</b>			
Double Curled .....	.10	.20	.45

<b>PEAS</b>			
American Wonder .....	.15	Lb.,	.35
Stratagem .....	.15	Lb.,	.30
Gradus .....	.15	Lb.,	.35

	Per Oz.	Per ¼ Lb.
<b>RADISH</b>		
Early Scarlet Turnip .....	.10	.20 .50
Icicle .....	.10	.20 .60
Long Scarlet .....	.10	.20 .45

<b>SPINACH</b>		
Bloomsdale Savoy .....	.10	.25
Prickly .....	.10	.25

<b>TURNIP</b>			
Early White Flat Dutch.....	.10	.20	.35
Snowball .....	.10	.20	.45
Golden Ball .....	.10	.20	.45

## Herbaceous and Perennial Plants FOR FALL PLANTING

We recommend shipping Perennials by express. However, if small lots are required by parcel post within the third zone, add 20 per cent to cover postage and cost of packing on orders for only one plant, but on orders for more than one plant 10 per cent will be sufficient. If beyond the third zone, you will be advised of any additional charges.

### Achillea (Yarrow)

**Roseum**—Finely cut deep green foliage, flowers pink in dense heads; 18 inches high, in bloom all summer; 15c each, \$1.50 per dozen.

**Ptarmica Fl. Pl. "The Pearl"**—Double pure white flowers borne in the greatest profusion the entire summer, on strong erect stems, 2 feet high. Fine for cutting. Strong plants, 25c each, \$2.50 per dozen.

### Alyssum Saxatile (Golden Tuft)

An excellent low growing drought-resisting plant for rockwork or the border. Its masses of broad flat heads of bright yellow flowers are produced in May. Its leaves are evergreen and a good ground cover. Strong clumps, 15c each, \$1.50 per dozen.

### Arabis Alpina (Rock Cress)

Similar to the Alyssum or Golden Tuft; but with pure white flowers from early Spring until Summer. 3-inch pots, 15c each, \$1.50 per dozen.

### Anchusa—Dropmore Variety

One of the best hardy perennials, growing about 5 feet high. The stems are covered all Summer with numerous wide star flowers of intense blue. Should be in every hardy border. Strong plants, 25c each, \$2.50 per dozen.

### Aquilegia (Columbine)

Columbines are among the most beautiful hardy perennials, producing graceful spurred flowers on stems 2 to 3 feet tall throughout May and June. Extra fine Hybrids, 25c each, \$2.50 per dozen.

### Hardy Asters (Michaelmas Daisies)

**Climax**—One of the best, flowers 2 inches across, exquisite shade of pale mauve, golden yellow center, flowers arranged on large pyramidal spikes; 5 feet tall, 20c each, \$2.00 per dozen.

**White Climax**—White form of the preceding, 20c each, \$2.00 per dozen.

**Lil Fardell**—Large bright rosy-mauve, 4 feet tall, 20c each, \$2.00 per dozen.

**Snowflake**—Very free, pure white, 3 feet tall, 20c each, \$2.00 per dozen.

### Dwarf Alpine Asters

**Alpine White**—It makes compact little bushes covered with little starry white flowers, 12 to 15 inches tall. Indispensable for rockeries and border clumps, 25c each, \$2.50 per dozen.

**Sub-Coeruleus**—Forms a dense tuft of leaves, from which issue many leafless stems, 12 inches high, bearing large mauve colored flowers, during June and July, 20c each, \$2.00 per dozen.

### Bocconia Cordata (Plume Poppy)

A tall growing plant admirably adapted for planting in the shrubbery borders, center of beds or in bold groups. The very stout stems bear many large, heart-shaped, deeply lobed leaves. It will grow in any good soil, attaining from 6 to 8 feet in height; flowers in terminal panicles of a creamy white color during July and August. 4-inch pots, 25c each, \$2.50 per dozen.

### Campanula

**Canterbury Bells**—Hardy biennials bearing a profusion of bell-shaped flowers. Single Pink, White and Blue. Extra large clumps, 15c each, \$1.25 per dozen.

**Carpatica (Carpathian Harebell)**—A pretty species suitable for rockwork, forming compact tufts not over 8 inches high, flowers clear blue; come well above the foliage on slender wiry stems. Blooms from July until October. 3-inch pots, 15c each, \$1.50 per dozen.

**Persicifolia (Peach Bells)**—Perennial; 4 feet tall. Blue and white; flowers during June and July. Extra large clumps, 15c each, \$1.50 per dozen.

**Portenschlagiana**—A low growing perennial sort with slender graceful foliage and small blue-purple bell-shaped flowers which are produced very freely for a long period. Suitable for rockwork and borders. 3-inch pots, 15c each, \$1.50 per dozen.

### Chelone Barbatus Torreyi

A hardy perennial with long coral-red spikes like a Pentstemon. Blooms during July and August. Strong clumps, 20c each, \$2.00 per dozen.

### Coreopsis

A perennial with light, graceful foliage and beautiful golden flowers; blossoms in mid-Summer and is one of the best yellow cut flowers. Extra large clumps, 15c each, \$1.25 per dozen.

### Delphinium—Larkspur

A remarkably showy class of tall growing plants, producing magnificent spikes of blue flowers in Summer; will grow well in partial shade; fine for planting in mixed borders. Large clumps, 25c each, \$2.50 per dozen.

**Belladonna**—Light turquoise blue. Large clumps, 35c each, \$3.50 per dozen.

### Dianthus (Hardy Pink)

A perennial flowered sort, having fringed blossoms in various colors. The foliage makes a pretty border, while the flowers are fragrant like cloves. 50c per dozen, \$3.50 per 100.

### Digitalis—Foxglove

Hardy perennials, producing long spikes of finely colored flowers: fine for shrubberies and half shady places. Rose, White and Purple. Extra large plants, 15c each, \$1.25 per dozen.

### Erigeron Speciosum

A Summer flowering border plant with mauve colored single daisy-like flowers, springing from a tuft of leaves, 2 feet tall. Pot grown, 25c each, \$2.50 per dozen.



## Herbaceous and Perennial Plants—continued

### Eupatorium Fraseri

A useful border plant of strong free growth, 3 feet high, with very large corymbs of pure white flowers in September and October. Strong plants, 20c each, \$2.00 per dozen.

### Gaillardia Grandiflora

A very showy perennial, growing 1½ to 2 feet high and blooming all Summer; flowers bronze scarlet, bordered with golden yellow, 3 inches in diameter, produced on long stems. Extra large clumps, 15c each, \$1.25 per dozen.

### Geum—Mrs. Bradshaw

A showy hardy perennial with large brilliant scarlet flowers borne on long stems. Extra large clumps, 15c each, \$1.25 per dozen.

### Heuchera Sanguinea (Coral Bells)

A low growing plant with heart-shaped leaves which form a low clump 6 to 8 inches high and bearing during July and August; loose graceful sprays of coral-red flowers in great profusion; suitable for the border or rockery and thriving in the shade or in cool places in the sun. Strong plants, 25c each, \$2.50 per dozen.

### Hollyhock

A hardy perennial of upright growth, 5 to 8 feet high. Double Rose, Yellow, Maroon, White, Red, Newport-Pink, clear pink; strong field-grown plants. 15c each, \$1.50 per dozen.

### Lathyrus (Everlasting Pea)

The flowers of this perennial climber resemble Sweet Peas but are borne on strong stems with 8 to 10 blossoms on a stem, not fragrant.

Pink or Crimson; 3-inch pots, 15c each, \$1.50 per dozen.

### Lythrum Roseum Superbum

A strong growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of deep rose colored flowers from July to September. Strong clumps, 25c each, \$2.50 per dozen.

### Platycodon (Bellflower)

Grandiflora—A very handsome border plant of the Campanula family, the flowers in bud having the appearance of inflated balloons, they flower from June to September; color is deep blue. 4-inch pots, 25c each, \$2.50 per dozen.

### Pyrethrum Hybridum

Grandiflorum, Single Mixed—A hardy perennial with giant single daisy-like flowers appearing in June and continuing throughout the Summer. The foliage is low and fern-like and the flowers are on long slender stems. Field-grown clumps, 25c each, \$2.50 per dozen.

### Physostegia (False Dragon Head)

Virginica—Dense bushes about 2 feet high with spikes of delicate lilac pink tubular flowers. Strong clumps, 25c each, \$2.50 per dozen.

### Salvia Azurea

A hardy perennial variety growing 3 to 4 feet high and producing during late Summer, panicles of pretty sky-blue flowers in great profusion. It requires a sunny situation and will stand considerable drought. 4-inch pots, 25c each, \$2.50 per dozen.

### Scabiosa Caucasica (Blue Bonnet)

One of the handsomest of hardy perennials, 3 feet. Large pale blue flowers on long stems; fine for cutting. 2-year old, 25c each; \$2.50 per dozen.

Japonica—Lavender-blue flowers in bloom from June until September, 2 feet tall. Strong clumps, 25c each, \$2.50 per dozen.

### Shasta Daisy (Alaska)

A most satisfactory perennial, blooming very profusely for a long period. The flowers are single white, yellow center, and borne on long, stiff stems. Extra large clumps, 15c each, \$1.25 per dozen.

### Stokesia (Cornflower Aster)

Cyanea—Deep lavender-blue flowers, 4 inches in diameter. Very free bloomer of the easiest culture. Strong clumps, 25c each, \$2.50 per dozen.

### Sweet William

An old favorite, hardy perennial plant. Salmen pink or all colors mixed. Extra large clumps, 15c each, \$1.25 per dozen.

### Thalictrum (Meadow Rue)

Dipterocarpum—The finest of all. This hardy perennial is of vigorous growth, 4 to 5 feet high. The dainty rosy purple flowers are brightened by a bunch of conspicuous yellow stamens and produced in graceful sprays from July to September. 35c each, \$3.50 per dozen.

### Trachelium Coeruleum

A free flowering perennial producing large cloud-like heads of pale mauve flowers, resembling the Gypsophila; 1½ feet high. 4-inch pots, 25c each, \$2.50 per dozen.

### Herbaceous Veronicas (Speedwell)

Longifolia—Forms a bushy plant, 2 to 3 feet high, with long dense spikes of deep blue flowers from July until early September. Pot grown, 25c each, \$2.50 per dozen.

Spicata—Another attractive variety for the border with bright blue flowers, borne in long compact spikes, during July and August, 1½ feet high. Pot grown, 25c each, \$2.50 per dozen.

## Superb Collection of 15 Pkts. Spencer Sweet Peas \$1.00

Asta Ohn: Lavender suffused mauve.

Countess Spencer: Clear pink.

Dobbie's Cream: Fine primrose.

Elfrida Pearson: Giant shell pink.

Fiery Cross: Sunproof orange-scarlet.

Florence Nightingale: Clear lavender.

Illuminator: Rose suffused salmon.

King Edward Spencer: Bright crimson-scarlet.

King White: Pure white.

Lavender George Herbert: Bluish lavender.

Margaret Atlee: Pink and salmon on cream ground.

Rosabelle: Bright rose.

Royal Purple: Best purple.

The Cardinal: Brilliant scarlet, sunproof.

Warrior: Dark maroon.

## Special Collection of 7 Pkts. Spencer Sweet Peas 50c

Countess Spencer: Clear pink.

Florence Nightingale: Pure lavender.

Illuminator: Rose suffused salmon.

King White: Pure white.

King Edward Spencer: Bright crimson-scarlet.

Mrs. Arnold Hitchcock: Soft pink flushed with salmon.

Royal Purple: Best purple.

## Collection of 5 Pkts. Winter Flowering Spencer Sweet Peas 50c

Early Blanche Ferry: Rose pink with white wings.

Early Fire King: Deep orange-scarlet.

Early Harmony: Clear lavender.

Early Rose Charm: Brilliant rose.

Early Snowstorm: Pure white.

## HALLAWELL'S Prize Strain Pansies

Packet of 500 Seeds . . . . 50 Cents